

#5  
12-16-02  
JH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gilbert Neiger, et al.

Application No.: 09/752,134

Filed: December 27, 2000

For: NEW PROCESSOR MODE FOR LIMITING THE  
OPERATION OF GUEST SOFTWARE RUNNING  
ON A VIRTUAL MACHINE SUPPORTED BY A  
VIRTUAL MACHINE MONITOR

Examiner: Not Yet Assigned

Art Unit: 2186

**RECEIVED**

DEC 04 2002

Technology Center 2100

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

on

11/8/02

Date of Deposit

Michelle Begay

Name of Person Mailing Correspondence

*Michelle Begay*

Signature

11/8/02

Date

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

- X   37 C.F.R. §1.97(b).
- 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:
- A statement pursuant to 37 C.F.R. §1.97(e) or
- A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).
- 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:
- (1) A statement pursuant to 37 C.F.R. §1.97(e);
  - (2) A petition requesting consideration of the Information Disclosure Statement; and
  - (3) A check for \$           for the fee under 37 C.F.R. §1.17(i) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

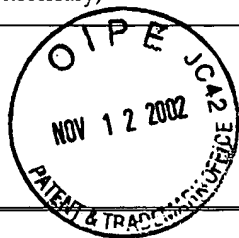
Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated:   11-8  , 2002           *M. Portnova*            
Marina Portnova  
Reg. No. 45,750

12400 Wilshire Blvd.  
Seventh Floor  
Los Angeles, CA 90025-1026  
(408) 720-8598

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 042390.P9770	Application Number: 09/752,134
Page 1 of 2		First Named Inventor: Gilbert Neiger, et al.	
		Filing Date: December 27, 2000	



### U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code <sup>2</sup>	Kind (If known)			
		5,455,909		James S. Blomgren, et al.	10-03-1995	

RECEIVED

DEC 04 2002

Technology Center 2100

### FOREIGN PATENT DOCUMENTS

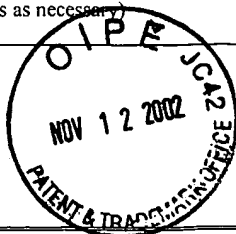
Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office Code <sup>3</sup>	Number <sup>4</sup>	Kind (If known)				
			EP0600112	A1	Siemens Nixdorf Information System	06-08-1994		X Abstract only
			EP0930567	A3	Texas Instruments, Inc.	07-21-1999		
			EP1146715	A1	ContentGuard Holdings, Inc.	10-17-2001		
			WO 98/34365		AT & T Corporation	08-06-1998		
			WO 98/44402		British Telecommunications Public Limited Company	10-08-1998		
			WO 99/05600		Apple Computer, Inc.	02-04-1999		
			WO 99/09482		Siemens Nixdorf Information System	02-25-1999		X Abstract only
			WO 99/57863		International Business Machines Corp.	11-11-1999		
			WO 00/62232		Digital Media On Demand, Inc.	10-19-2000		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 042390.P9770	Application Number: 09/752,134
Page 2 of 2		First Named Inventor: Gilbert Neiger, et al.	<b>RECEIVED</b> <b>DEC 04 2002</b> <b>Technology Center 2100</b>
		Filing Date: December 27, 2000	
<b>OTHER ART - NO PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
		BERG, Cliff, "How Do I Create A Signed Applet?" Dr. Dobb's Journal, August 1997, pages 1-9	
		GOLDBERG, Robert P., "Survey of Virtual Machine Research," IEEE Computer Magazine Vol. 7, No. 6, pages 34-45, 1974	
		GONG, Li, et al., "Going Beyond the Sandbox: An Overview of the New Security Architecture in the Java Development Kit 1.2," JavaSoft, Sun Microsystems, Inc., Proceedings of the USENIX Symposium on Internet Technologies and Systems, Monterey, California, 11 pages December 1997	
		GUM, P.H., "System/370 Extended Architecture: Facilities for Virtual Machines," IBM J. Research Development, Vol. 27, No. 6, pages 530-544, November 1983	
		HEINRICH, J., "MIPS R4000 Microprocessor User's Manual," Second Edition, Chapter 4: Memory Management, pages 67-79	
		INTEL CORPORATION, Intel386™ DX Microprocessor, 32-Bit CHMOS Microprocessor With Integrated Memory Management, 56 pages, December 1995	
		LAWTON, K., "Running Multiple Operation Systems Concurrently On An IA32 PC Using Virtualization Techniques," <a href="http://www.plex86.org/research/paper.txt">http://www.plex86.org/research/paper.txt</a> , pp 1-31, downloaded August 9, 2001	
		MOTOROLA, M68040 User's Manual (Including the MC68040, MC68040V, MC68LC040, MC68EC040, and MC68EC040V), Revised 1993	
		ROSENBLUM, M., "VMware's Virtual Platform™ A Virtual Machine Monitor for Commodity PCs," Proceedings of the 11th Hotchips Conference, Stanford University Palo Alto, California, pages 185-196, August 1999	

Examiner Signature	Date Considered
-----------------------	--------------------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.